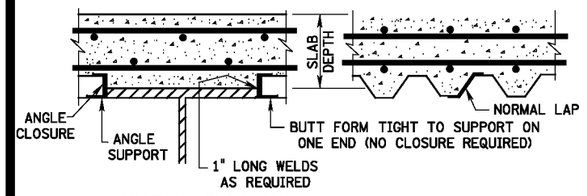
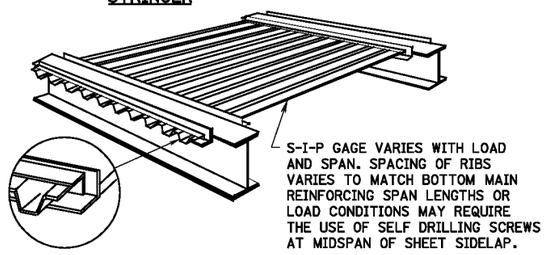
S-I-P FORMS BETWEEN STRINGERS VARIABLE SLAB ELEVATION NORMAL L SUPPORTS



SECTION THROUGH STRINGER

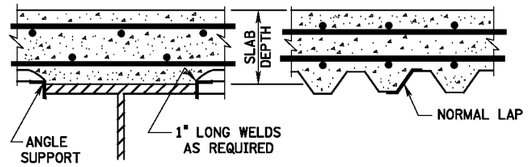
SLAB SECTION



SECURE S-I-P FORMS TO SUPPORT WITH SELF DRILLING SCREWS AT SIDE LAPS AND CENTER OF FORM UNITS, APPROXIMATELY 1'-3" ON CENTERS

BCD-9.1

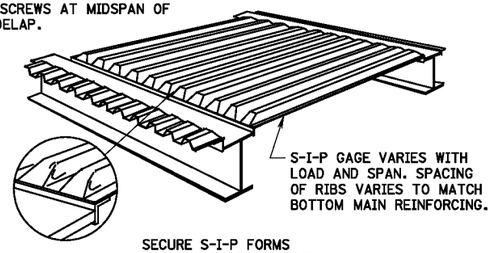
S-I-P FORMS BETWEEN STRINGERS VARIABLE SLAB ELEVATION INVERTED L SUPPORTS



SECTION THROUGH STRINGER

SLAB SECTION

SPAN LENGTHS OR LOAD CONDITIONS MAY REQUIRE THE USE OF SELF DRILLING SCREWS AT MIDSPAN OF SHEET SIDELAP.

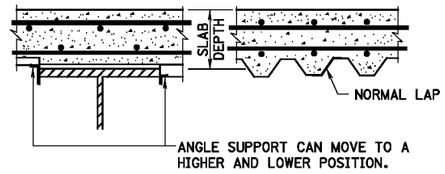


SECURE S-I-P FORMS TO SUPPORT WITH SELF DRILLING SCREWS AT SIDE LAPS AND CENTER OF FORM UNITS, APPROXIMATELY 1'-3" ON CENTERS

BCD-9.2

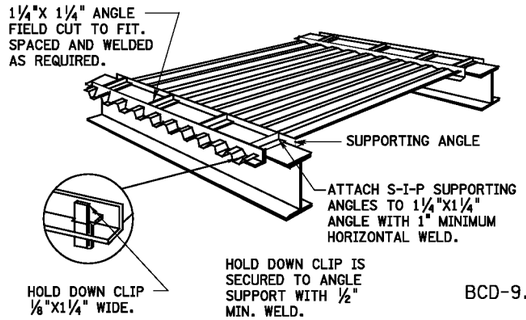
S-I-P FORMS WITH ADJUSTABLE SUPPORTS NOT WELDED TO STRINGERS

(TO BE USED IN THE TENSION ZONE OF CONTINUOUS SPAN BRIDGES)



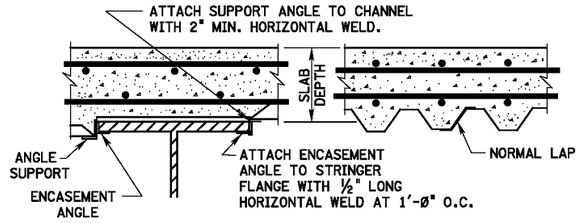
SECTION THROUGH STRINGER

SLAB SECTION



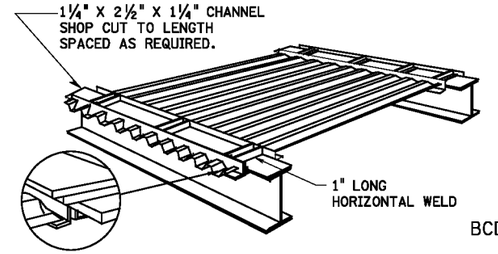
BCD-9.3

S-I-P FORMS WITH ADJUSTABLE L SUPPORTS STRINGER FLANGE ENCASEMENT PROVIDED



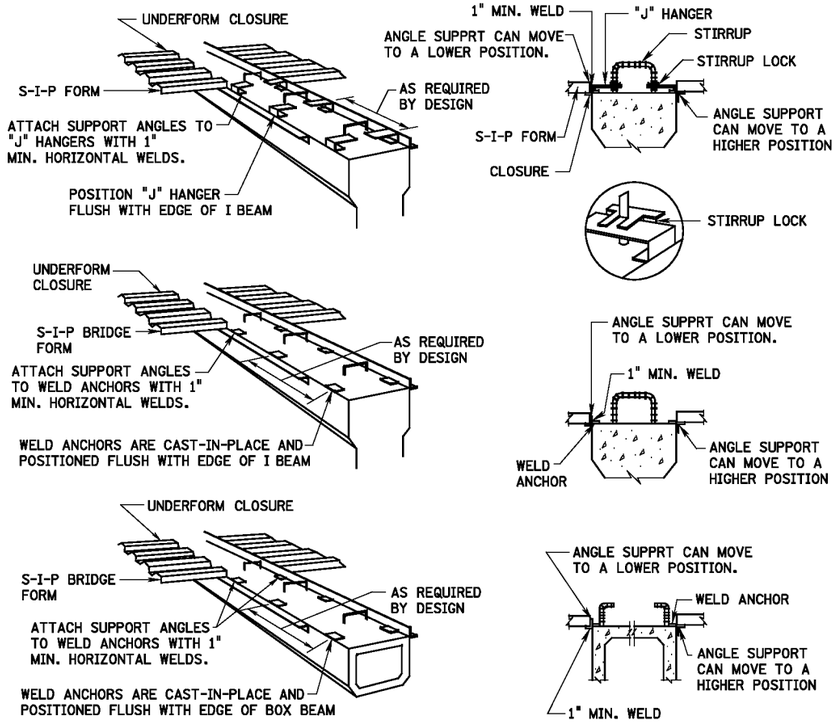
SECTION THROUGH STRINGER

SLAB SECTION

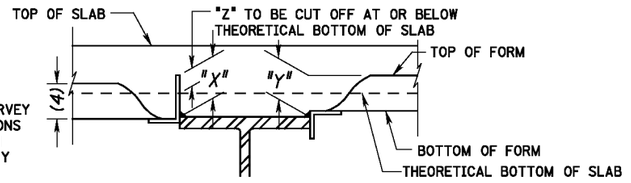


BCD-9.4

S-I-P FORMS BETWEEN PRECAST CONCRETE STRINGERS



BCD-9.5

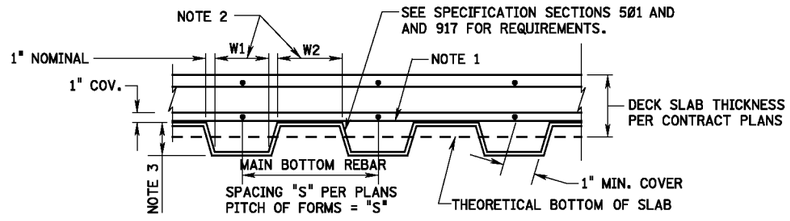


NOTE:

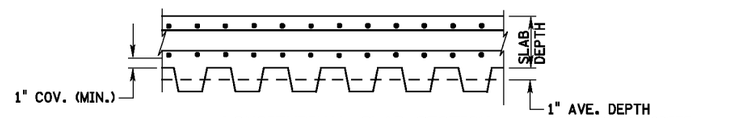
THE CONTRACTOR SHALL SURVEY THE TOP OF BEAM ELEVATIONS AS REQUIRED TO ESTABLISH HAUNCH DIMENSIONS X AND Y AND CUT-OFF DIMENSION Z.

COMPRESSION FLANGE

THE ABOVE SKETCH AND NOTE SHALL APPEAR ON THE SHOP PLANS FOR STAY-IN-PLACE DECK FORMS SUBMITTED BY THE FABRICATOR. ANY SHOP DRAWING SUBMITTED WITHOUT THE SKETCH AND NOTE SHALL BE RETURNED FOR REVISION AND RESUBMISSION.



GENERALLY, THE SPACING (PITCH) OF RIBS (FLUTES) SHALL MATCH SPACING OF BOTTOM MAIN REINFORCEMENT STEEL AND BOTTOM MAIN REBARS SHALL BE PLACED AT THE CENTER OF EACH RIB TO PROVIDE MAXIMUM CONCRETE COVER. OCCASIONALLY, THE DECK FORMS MUST BE DROPPED WHEN RIBS AND BOTTOM MAIN REBARS CAN NOT BE ALIGNED. REFER TO THE ALTERNATE BELOW FOR MORE DETAILS ON THIS CONDITION.



LONGITUDINAL SLAB SECTION

NOTES:

1. 1/2 " CORROSION PROTECTED STEEL BARS MAY BE USED AS REBAR SUPORTS.
2. W1 SHALL BE EQUAL TO OR LESS THAN W2.
3. RIBS ARE ASSUMED TO BE 2" DEEP. SPECIAL DESIGN CONSIDERATIONS ARE REQUIRED FOR DEEPER FORMS.

BCD-9.6

GENERAL NOTE:

THE DETAILS SHOWN ARE GENERAL. SHOP DRAWINGS ACCORDING TO THE NJDOT SPECIFICATIONS SHALL BE SUBMITTED FOR ACTUAL DETAILS .

BCD-9

NEW JERSEY DEPARTMENT OF TRANSPORTATION

BRIDGE CONSTRUCTION DETAILS

STAY-IN-PLACE FORMS

129
129

BCD(9)-1 - ORIGINAL SHEET